

Feb-Mar. 1927

THIRD ANNUAL MEETING
of the
Louisiana-Mississippi Section
of the
Mathematical Association of America

MARCH 4th, 5th, 1927

at

CENTENARY COLLEGE

SHREVEPORT, LA.

The Material of this News Letter with the Accompanying Program is Seriously Commended to the Attention of

**College and High School Mathematics Teachers
County and Parish Superintendents
College and University Presidents
of the Two States, Mississippi and Louisiana**

THE UNIVERSITY OF CHICAGO

PHILOSOPHY DEPARTMENT

1950-1951

PHILOSOPHY 101

LECTURE NOTES

BY

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PHILOSOPHY DEPARTMENT

UNIVERSITY OF CHICAGO

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The Program

Scarcely in the history of the South has any mathematical program featured an array of minds as brilliant as those dated for participation in the meeting of the Louisiana-Mississippi Section of the Mathematical Association of America at Shreveport, March 4th, 5th.

We have thought it desirable to offer readers of News Letter No. 5, mathematicians, and mathematics teachers of our Section, biographic details about the men and women whose names appear on the accompanying program.

Herbert Elsworth Slaughter, professor of Mathematics in the University of Chicago, universally regarded as one of the great mathematics teachers of America, played so determining a part in the organization of the Mathematical Association of America that his mathematical intimates speak of him as the "Daddy" of the Association, the mathematical public in general referring to him as its founder. His doctor's degree is from the University of Chicago. His identification, first as a student then as a member of the mathematics staff of U. of C., one of the greatest mathematical centres of the world, dates from the opening of the University in 1892. He has been for years managing editor of *"The American Mathematical Monthly"* and is the author of several mathematical texts. On the other hand, his ability for organizing and promoting practical projects looking to the popularizing of mathematics and to the deepening of the public's appreciation of its values is not at all inferior to his scholarship and ability as a mathematician.

Miss Marie Gule, assistant superintendent and supervisor of junior and senior high schools of Columbus, Ohio, has for years exercised a commanding influence on methods and curricula in secondary mathematics school work. Holding for thirteen years the place of assistant superintendent of the Columbus schools and for the last six years that of secretary of the Mathematics Section of the Central Association of Science and Mathematics Teachers, with a Master of Arts degree from Columbia University, her leadership in

the secondary mathematics field was recognized when she was recently made president of the National Council of Teachers of Mathematics. She is the author of "*Modern Junior Mathematics*". Her illustrated lecture, "*Dynamic Symmetry*", alone will be worth the time and expense required for the Shreveport trip.

Professor W. D. Reeve, who speaks Saturday morning on "*What Mastery We Should Expect in Mathematics*", is one of the best equipped men in the country for speaking with authority on both matter and method in the field of mathematics. Graduating from the University of Chicago, he taught, first, in its High School, and then was made head of the Department of Mathematics in the University of Minnesota High School. After receiving the Ph. D. degree from the University of Minnesota, he was recently called to take a place on the mathematics staff of Teachers College, Columbia University—a college which every year probably sends out more mathematics teachers than any other teachers college in America. He is the editor of the second Handbook of the National Council of Teachers of Mathematics.

The career of **Professor Raleigh Schorling** bears a resemblance to that of Professor Reeve. Trained at the University of Chicago, graduating therefrom he taught in the University of Chicago High School, from which he went to the headship of Mathematics in Lincoln School, Columbia University. From Lincoln he went to the supervisorship of mathematics in the University of Michigan High School, a position which he now holds. His capacity as leader and scholar has been recognized in that he holds an associate professorship in the University of Michigan and was honored with the presidency of the National Council of Mathematics Teachers, prior to the election of Miss Gule to that office.

Professor John R. Clark is editor of *The Mathematics Teacher*, official journal of the Council of Mathematics Teachers; the liveliest and most widely influential secondary journal in the world. The editorial skill and mathematical enthusiasm of Mr. Clark are evident to every thoughtful reader of this magazine.

Mr. W. C. Roaten of DeRidder, Louisiana, is generally acclaimed in this State as one of its very best teachers. He is

a B. S. graduate of Western Kentucky State Normal, has taught for thirty years in the Louisiana schools, was a high school principal for twenty years. Several of the leading institutions of the State have called him to teach in their summer sessions. His effective work in tenth grade mathematics has been widely recognized.

Professor A. C. Maddox, head of the Department of Mathematics at Louisiana State Normal College, is a key man in Louisiana mathematical work, since it is his institution which does the largest amount of teacher training work that is done in Louisiana. His intimate acquaintance with the college mathematical field on the one hand (he holds a Master's degree from Columbia University) and his experience in correlating the secondary with the college programs on the other, make it reasonably certain that his paper, "*Maximum Efficiency in Mathematics Teaching*" will have keenly attentive hearing by both high school and college teachers of mathematics.

Professor Julia Dale will read one of the strictly mathematical papers to be offered. She is head of the department of mathematics at Mississippi Delta State Teachers College, Cleveland, Mississippi. After teaching for three years in the University of Missouri, she was appointed fellow in mathematics at Cornell University where she received her doctor's degree in 1924. Her paper will discuss "*Application of the Exponential Mean to Fourier Series*".

Mr. L. S. Frierson, for thirty years a student of magic squares, and a writer in that field, will furnish a twelve minute paper on this fascinating subject.

Dr. I. Maizlish, member of the Mathematics and Physics Departments of Centenary College, has a Ph. D. degree from the University of Minnesota and B. S. and M. S. degrees from the Massachusetts Institute of Technology. His published researches have been in the field of mathematical physics. He is a member of several scientific societies. The vigor with which he is carrying out the project of a mathematical exhibit for the Shreveport meeting promises the same high degree of success that has marked his scientific work. He will discuss "*Some Applications of Certain Functional Equations*".

Dr. H. L. Smith of the Louisiana State University mathematics department, one of the strongest of America's younger group of research mathematicians, holds M. S. and Ph. D. degrees from the University of Chicago. His published papers in the analysis field are found in "*Transactions of the American Mathematical Society*", "*The Annals*", "*American Journal*", and "*National Academy of Sciences*". He will discuss at Shreveport, "*A Substitute for Duhamel's Theorem*".

SAVING EXPENSE !!

The following table of estimates is offered for their consideration to those mathematics teachers planning to attend the Shreveport meeting, March 4th, 5th. The estimate is furnished by Mr. E. R. Stoker of L. S. U. Mathematics Department.

Based on mileage compiled by the Southern Map Co. and allowing fifteen miles to one gallon of gas, two quarts of oil per hundred miles, and four passengers per car, the approximate cost per passenger from the following points for a round trip is:

Baton Rouge.....	$\left\{ \begin{array}{l} 246 \times \$.18 \times 2 + \$2.50 \text{ (oil)} \\ 15 \quad 1 \end{array} \right\}$	$\div 4 = \$2.10$	Approx. each
Lake Charles.....	$\left\{ \begin{array}{l} 225 \times .18 \times 2 + \$2.50 \text{ " } \\ 15 \quad 1 \end{array} \right\}$	$\div 4 = \$1.65$	"
New Iberia.....	$\left\{ \begin{array}{l} 232 \times .18 \times 2 + \$2.50 \text{ " } \\ 15 \quad 1 \end{array} \right\}$	$\div 4 = \$2.01$	"
Lafayette.....	$\left\{ \begin{array}{l} 207 \times .18 \times 2 + \$1.50 \text{ " } \\ 15 \quad 1 \end{array} \right\}$	$\div 4 = \$1.62$	"
Crowley.....	$\left\{ \begin{array}{l} 213 \times .18 \times 2 + \$1.50 \text{ " } \\ 15 \quad 1 \end{array} \right\}$	$\div 4 = \$1.65$	"
Monroe.....	$\left\{ \begin{array}{l} 115 \times .18 \times 2 + \$1.00 \text{ " } \\ 15 \quad 1 \end{array} \right\}$	$\div 4 = .94$	"
Alexandria.....	$\left\{ \begin{array}{l} 125 \times .18 \times 2 + \$1.25 \text{ " } \\ 15 \quad 1 \end{array} \right\}$	$\div 4 = \$1.06$	"
Ruston.....	$\left\{ \begin{array}{l} 83 \times .18 \times 2 + \$1.00 \text{ " } \\ 15 \quad 1 \end{array} \right\}$	$\div 4 = .75$	"

**One-and-One-half Fare on All Interurban Transportation
Company Lines, Stewart's and Pelican Lines, Tri-
State Transit Co., Motor Transit Co.,
Hammond State Lines, Yellow
Bus Line.**

Interurban Transportation Company will allow a one-and-one-half round trip fare to all mathematics teachers going to the annual meeting of the Louisiana-Mississippi Section of M. A. of A. which is held in Shreveport March 4, 5, 1927. We assure the mathematics teachers of Louisiana that all other bus lines operating in the direction of Shreveport will make the same concession. Furthermore, if not less than twelve mathematics teachers express their desire to Chairman Sanders to travel in a special bus going from Baton Rouge to Shreveport, the bus companies agree to furnish to that many a special bus. This proposition will also apply to Lake Charles, Lafayette, Monroe, Ruston, Alexandria, DeRidder, Vicksburg and Natchez. At any rate, it is to be understood that even if no special bus is furnished that a concession of the round trip one-and-one-half fare is authorized to all mathematics teachers going by bus to the Shreveport meeting.

Thirty passengers can be carried comfortably in one bus.

Signed: M. W. WALKER, *President*,
Interurban Transportation Company.

MATHEMATICS TEACHERS ATTENTION !

ILLINOIS CENTRAL SYSTEM

Baton Rouge, La., February 9th, 1927.

Prof. S. T. Sanders,
City.

Dear Sir:

Referring to our conversation in regard to securing reduced rates to Shreveport, La., for the Mathematics Convention March 4, 5, 1927:

In case you fail to secure the required number in attendance for this meeting which would entitle the delegates return rates, they could avail themselves of *party rates* from practically all points within the State of Louisiana which party rates are on *sale daily* with return limit five days from date of sale, and require twenty-five or more on one ticket going and returning. *Fare one-and-one-third for the round trip.*

Yours truly,
J. P. NORRIS, *Ticket Agent.*

IN EXPLANATION

(1) Mathematics teachers, college or high school, desiring to attend the Section meeting March 4, 5, may reach Shreveport

- (a) by train,
- (b) by car,
- (c) by regular bus,
- (d) by special bus.

(a) There should be at least twenty-five mathematics teachers in New Orleans who will go to Shreveport. Twenty-five or more New Orleans mathematical people, acting collectively, may each save two-thirds of one fare by going on a *party* ticket as per the announcement above by Mr. J. P. Norris, agent at Baton Rouge.

(b) For those going from points not too distant from Shreveport the four-in-an-auto plan as figured above by Mr. Stoker, would heavily reduce traveling expense.

(c) Any mathematics teacher of Louisiana or Mississippi will be allowed a one-and-one-half round trip fare to Shreveport for the purpose of attending the Louisiana-Mississippi Section meeting March 4, 5, by any of the bus systems named above in President Walker's statement. This concession holds regardless of the number of teachers who may take advantage of it and is good on regularly scheduled buses. Teachers using this concession should be prepared to identify themselves as teachers of mathematics to the satisfaction of the operator of the bus.

(d) If twelve or more teachers of mathematics inform Chairman Sanders at Baton Rouge that they live in or near Vicksburg, Mississippi, and that they wish special bus service on the Motor Transit line, Chairman Sanders will have notification served on the Motor Transit Co. that such service by twelve or more mathematics people is desired, whereupon, the special bus will be furnished by this company. The time of its departure from Vicksburg will be so fixed that the arrival of the party in Shreveport will be neither too late nor too early. Moreover the *special* bus will stop only at those points on the route where other mathematics people have indicated to Chairman Sanders by letter that they, too, de-

sire the special bus service. The time of the departure of the special bus from Shreveport after the mathematical meeting will be subject to the wishes of the party of twelve or more.

We have used Vicksburg and the Motor Transit Co. merely for illustration. The same terms hold for Baton Rouge and the Interurban Transportation Co., for the Yellow Bus system and DeRidder, for Lafayette and the Interurban, etc.

Bus systems, such as Hammond Line, which do not run into Alexandria, will act as feeders to the lines which do converge at Alexandria. For example, mathematics teachers desiring the special bus from Baton Rouge to Shreveport could come on a one-and-a-half fare to Baton Rouge and join the Interurban special group which would probably leave Baton Rouge near 5:30 Friday morning.

The rate on the special will also be a one-and-a-half round trip fare.

Teachers planning to go by bus to Shreveport should read the above carefully. It amounts to about this: If the teacher wishes special bus service for the trip to Shreveport on Friday morning, March 4, let him (or her) send to Mr. Sanders two or three lines expressing this desire and naming the bus system most convenient. *When* a sufficient number of teachers of mathematics make the same request naming the same line, the head of the line will be notified, and later the teachers, too, will be notified of the hour when they may expect the special to pick them up.

**We Are to Be Guests of the Chamber of Commerce
and Centenary College at the Friday
Evening Dinner.**

Those who plan to be present at the Friday evening dinner should send in their names promptly to Dean J. A. Hardin, Centenary College. It is unnecessary to notify the chairman at Baton Rouge. *Notice of intention to be present at the Friday evening dinner* should be sent by the teacher directly to Dean J. A. Hardin, Centenary College, Shreveport.

HOTEL RATES

Hotel Youree: Single rooms with bath \$2.50 to \$3.50.

Hotel Washington. Same.

Hotel Jefferson. Same.

TO ALL THE TEACHERS

If possible be in Shreveport by 12:00 M. Friday. From 12:00 M. to 3:00 P. M. Friday is the social period. The mathematical exhibit may be seen then. Centenary may be seen then. Transportation from the College to Hotel Youree for the Friday evening dinner will be made easy for all.

FINAL WORD

Mathematics teachers! *Go to this meeting! Go, if possible regardless of the cost.* Your superintendent, your principal, or your president will help you to go. The two days spent in taking in this mathematical program—the strongest ever presented in the southwest—will be worth a month of teaching and study, and will furnish inspiration to last not a year—but a life time!

S. T. SANDERS,
Chairman, L. S. U.

MATHEMATICAL EXHIBIT TO FEATURE SHREVEPORT MEETING

In order to make the coming Shreveport meeting of the M. A. of A. more interesting and enhance the benefits that may be derived therefrom, it has been decided to have an EXHIBIT of the original researches and textbooks by the mathematicians of Louisiana and Mississippi. To make this exhibit more interesting and also to get a better glimpse of the scientific activity in the two States, an appeal is also being made to the chemists and physicists to send in their published work for the same purpose—especially those papers with a strong mathematical element in them.

A circular letter has been sent out to all mathematicians, physicists and chemists of the two States. An appeal is also made at this time to all members of the M. A. of A. to send in their published work (including textbooks), and to encourage their friends to do likewise. Since there is so little time before the meeting takes place, those in charge of the Exhibit strongly urge the scientists, especially the mathematicians, to send in their papers and textbooks at once. It is hoped that everyone will be able to come, in addition to sending in some papers for the Exhibit. In case it is impossible for anyone to come to the meeting, it is strongly urged that he send in his papers (and textbooks), resting assured that any such papers which he may send will receive the greatest care, and will be returned promptly at the conclusion of the Shreveport meeting.

Please send published papers (and textbooks) to Dr. I. Maizlish, Centenary College, Shreveport, Louisiana, who is in charge of the Exhibit.



The Franklin Printing Co.
Baton Rouge, La.